

Claims

Claim 1

A method for retarding plaster setting and plaster preparations, characterized by the use of the following composition:

- a. Tartaric acid in an amount of at least 0.01 to 1.0 weight % relative to the plaster amount;
- b. Sodium trimetaphosphate in an amount of 0.05 to 0.5 weight %, relative to the plaster amount;
- c. If applicable, sodium polyphosphate with an average chain length of at least 4 to 50 phosphate units.

Claim 2

The method for retarding plaster setting and plaster preparations as defined in claim 1, characterized in that the components b and/or c are mixed together in the dry state and are added to the plaster to be retarded in the form of a fine-particle powder, having a particle size distribution for which at least 95% of the components are smaller than 200 μ m.

Claim 3

The method for retarding plaster setting and plaster preparations as defined in claims 1 and 2, characterized in that a compound is used, which comprises a share of sodium polyphosphate of at least 0.01 weight %, relative to the plaster amount.

Claim 4

The use of a compound for retarding plaster setting and plaster preparations comprising the following components:

- a. Tartaric acid in an amount of at least 0.01 to 1.0 weight %, relative to the plaster amount;
- b. Sodium trimetaphosphate in an amount of 0.05 to 0.5 weight %, relative to the plaster amount, if necessary in combination with
- c. Sodium polyphosphate, if applicable, having an average chain length of at least 4 to 50 phosphate units, wherein the components are added to the plaster and the plaster preparation to be retarded in the form of a fine-particle powder.

Claim 5

Plaster and plaster preparations comprising the components listed in one of the claims 1 to 4.